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| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b> |   | ATTORNEY'S DOCKET NUMBER<br>13156-00071-US   |
| INTERNATIONAL APPLICATION NO.<br>PCT/EP2005/001914  | INTERNATIONAL FILING DATE<br>24 February 2005 | U.S. APPLICATION No. (if known, see 37 CFR 1.5)<br><b>10/590979</b><br>PRIORITY DATE CLAIMED<br>28 February 2004 |
| TITLE OF INVENTION: SUPPORTED CATALYST COMPRISING DELTA- OR THETA-MODIFIED ALUMINIUM OXIDE SUPPORTS                                     |   |  |
| APPLICANT(S) FOR DO/EO/US: Markus Schubert et al.   |   |  |

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
- ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
- ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
- ☒ The US has been elected (Article 31).
- ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - ☒ is attached hereto (required only if not communicated by the International Bureau).
  - ☐ has been communicated by the International Bureau.
  - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - ☒ is attached hereto.
  - ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
- ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - ☐ are attached hereto (required only if not communicated by the International Bureau).
  - ☐ have been communicated by the International Bureau.
  - ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - ☐ have not been made and will not be made.
- ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
- ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

- ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- ☒ A preliminary amendment.
- ☒ An Application Data Sheet under 37 CFR 1.76.
- ☐ A substitute specification.
- ☐ A power of attorney and/or change of address letter.
- ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.
- ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
- ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).



10/590979

IAP9 Rec'd PCT/PTO 28 AUG 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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- a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 03-2775 in the amount of \$ 900.00 to cover the above fees.  
A duplicate copy of this sheet is enclosed.
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- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

  
SIGNATURE

Ashley I. Pezzner  
NAME

CUSTOMER NUMBER: 23416

35,646  
REGISTRATION NUMBER

10/590979

IAP9 Rec'd PCT/PTO 28 AUG 2006

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 13156-00071-US

## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV686925923US in an envelope addressed to:

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Registration Number, if applicable

(302) 658-9141  
Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal Letter to the United States Designated-Elected Office  
Fee Transmittal  
Application Data Sheet  
Copy of the International application  
Form PCT/ISA/220 with PCT/ISA/210 attached  
Document Made Available Under PCT re Priority Document  
Form PCT/IPEA/402  
Form PCT/IPEA/416 with PCT/IPEA/409 attached  
English language translation of the International application  
Preliminary Amendment  
Information Disclosure Statement, SB08, with references  
Postcard  
Authorization to charge \$900.00 to deposit account 03-2775

|   |  |                          |                       |
|---|--|--------------------------|-----------------------|
| <b>FEE TRANSMITTAL</b><br><b>For FY 2006</b>  |  | <b>Complete if Known</b> |                       |
| Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).<br><br><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 |  | Application Number       | Not Yet Assigned      |
|   |  | Filing Date              | Concurrently Herewith |
|   |  | First Named Inventor     | Markus Schubert       |
|   |  | Examiner Name            | Not Yet Assigned      |
|   |  | Art Unit                 | N/A                   |
| TOTAL AMOUNT OF PAYMENT   |  | (\$)                     | 900.00                |
|   |  | Attorney Docket No.      | 13156-00071-US        |

**METHOD OF PAYMENT** (check all that apply)

☐ Check   
 ☐ Credit Card   
 ☐ Money Order   
 ☐ None   
 ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account   
 Deposit Account Number: 03-2775   
 Deposit Account Name: Connolly Bove Lodge & Hutz LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below   
 ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17   
 ☒ Credit any overpayments

**FEE CALCULATION** (All the fees below are due upon filing or may be subject to a surcharge.)

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES |                       | SEARCH FEES |                       | EXAMINATION FEES |                       | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
|                  | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)         | Small Entity Fee (\$) |                |
| Utility          | 300         | 150                   | 500         | 250                   | 200              | 100                   | 900.00         |
| Design           | 200         | 100                   | 100         | 50                    | 130              | 65                    |                |
| Plant            | 200         | 100                   | 300         | 150                   | 160              | 80                    |                |
| Reissue          | 300         | 150                   | 500         | 250                   | 600              | 300                   |                |
| Provisional      | 200         | 100                   | 0           | 0                     | 0                | 0                     |                |

**2. EXCESS CLAIM FEES**

| Fee Description                                    | Fee (\$) | Small Entity Fee (\$) |
|--|----------|-----------------------|
| Each claim over 20 (including Reissues)            | 50       | 25                    |
| Each independent claim over 3 (including Reissues) | 200      | 100                   |
| Multiple dependent claims                          | 360      | 180                   |

|   |  |                          |                               |
|---|--|--------------------------|-------------------------------|
| <b>Total Claims</b><br>12 - 20 = _____ x _____ = _____<br>HP = highest number of total claims paid for, if greater than 20.     | <b>Extra Claims</b><br>_____ x _____ = _____ | <b>Fee (\$)</b><br>_____ | <b>Fee Paid (\$)</b><br>_____ |
| <b>Multiple Dependent Claims</b><br><b>Fee (\$)</b> <b>Fee Paid (\$)</b><br>_____      _____                                    |  |                          |                               |
| <b>Indep. Claims</b><br>1 - 3 = _____ x _____ = _____<br>HP = highest number of independent claims paid for, if greater than 3. | <b>Extra Claims</b><br>_____ x _____ = _____ | <b>Fee (\$)</b><br>_____ | <b>Fee Paid (\$)</b><br>_____ |

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets | Extra Sheets  | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|--------------|---------------|--|----------|---------------|
| 17           | - 100 = _____ | /50 _____ (round up to a whole number) x _____   | = _____  |               |

**4. OTHER FEE(S)**

|  | Fees Paid (\$) |
|--|----------------|
| Non-English Specification, \$130 fee (no small entity discount)    |                |
| Other (e.g., late filing surcharge): 1631 Basic National Stage fee | 300.00         |
| 1633 National Stage Examination Fee - all other ...                | 200.00         |
| 1642 National Stage Search Fee - search report ...                 | 400.00         |

|                     |                   |                                   |                |
|---------------------|-------------------|-----------------------------------|----------------|
| <b>SUBMITTED BY</b> |                   |                                   |                |
| Signature           |                   | Registration No. (Attorney/Agent) | 35,646         |
| Name (Print/Type)   | Ashley I. Pezzner | Telephone                         | (302) 658-9141 |
|                     |                   | Date                              | 8/25/06        |